

U.S. Department of Commerce, Patent and Trademark Office (PTO Form 1449 modified)		Docket No. MRKS/0039.C1	Serial No. 10/621971 Unknown
INFORMATION DISCLOSURE STATEMENT BY APPLICANT		Applicant Bernd-Georg Pietras	Confirmation No.: Unknown
(Use several sheets if necessary)		Filing Date Herewith	Group 3672 Unknown
Examiner Frank Tsay			

U.S. Patent Documents

*Examiner Initial		Document Number	Issue Date	Applicant(s) Name	Class	Subclass	Filing Date If Appropriate
<i>All considered</i>	A1	6,431,626	03-13-2002	Bouligny	294	86.25	
	A2	6,412,554	07-02-2002	Allen et al.	166	80.1	
	A3	6,360,633	03-26-2002	Pietras	81	57.34	
	A4	6,349,764	02-26-2002	Adams et al.	166	77.53	
	A5	6,311,792	11-06-2001	Scott et al.	175	162	
	A6	6,309,002	10-30-2001	Bouligny	294	86.25	
	A7	6,199,641	03-13-2001	Downie et al.	175	55	
	A8	6,070,500	06-06-2000	Diask et al.	81	57.33	
	A9	6,056,060	05-02-2000	Abrahamsen et al.	166	380	
	A10	6,000,472	12-14-1999	Albright et al.	166	380	
	A11	5,971,079	10-26-1999	Mullins	166	387	
	A12	5,909,768	06-08-1999	Castille et al.	166	77.1	
	A13	5,836,395	11-17-1998	Budde	166	321	

Foreign Patent Documents

*Examiner Initial		Document Number	Date	Country	Class	Subclass	Translation	
							YES	NO
<i>77</i>	B1	GB 2 357 530 A	06-27-2001	U.K.	E21B	19/07	<input type="checkbox"/>	<input checked="" type="checkbox"/>
<i>77</i>	B2	WO 00/39430	07-06-2000	WIPO	E21B	19/16	<input type="checkbox"/>	<input checked="" type="checkbox"/>
<i>77</i>	B3	WO 00/39429	07-06-2000	WIPO	E21B	19/16	<input type="checkbox"/>	<input checked="" type="checkbox"/>

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<i>77</i>	C1	LaFleur Petroleum Services, Inc., "Autoseal Circulating Head," Engineering Manufacturing, 1992, 11 Pages
<i>77</i>	C2	Valves Wellhead Equipment Safety Systems, W-K-M Division, ACF Industries, Catalog 80, 1980, 5 Pages

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U.S. Department of Commerce, Patent and Trademark Office (PTO Form 1449 modified)		Docket No. MRKS/0039.C1	Serial No. 10/621,971 Unknown
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Examiner Frank Tsay		Herewith	

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*Examiner Initial		Document Number	Issue Date	Applicant(s) Name	Class	Subclass	Filing Date If Appropriate
	A14	5,803,191	09-08-1998	Mackintosh	175	170	
	A15	5,791,410	08-11-1998	Castille et al.	166	77.1	
	A16	5,735,348	04-07-1998	Hawkins, III	166	285	
	A17	5,645,131	07-08-1997	Trevisani	175	171	
	A18	5,584,343	12-17-1996	Coone	166	387	
	A19	5,577,566	11-26-1996	Albright et al.	175	321	
	A20	5,553,672	09-10-1996	Smith, Jr. et al.	166	382	
	A21	5,503,234	04-02-1996	Clanton	175	52	
	A22	5,501,286	03-26-1996	Berry	175	52	
	A23	5,433,279	07-18-1995	Tassari et al.	173	213	
	A24	5,388,651	02-14-1995	Berry	175	85	
	A25	5,351,767	10-04-1994	Stogner et al.	175	162	
	A26	5,297,833	03-29-1994	Willis et al.	294	102.2	
	A27	5,255,751	10-26-1993	Stogner	175	203	
	A28	5,251,709	10-12-1993	Richardson	175	220	
	A29	5,191,939	03-09-1993	Stokley	166	379	

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*Examiner Initial		Document Number	Date	Country	Class	Subclass	Translation	
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	B4	WO 00/11311	03-02-2000	WIPO	E21B	19/16	<input type="checkbox"/>	<input checked="" type="checkbox"/>
	B5	WO 00/11310	03-02-2000	WIPO	E21B	19/16	<input type="checkbox"/>	<input checked="" type="checkbox"/>
	B6	WO 00/11309	03-02-2000	WIPO	E21B	19/16	<input type="checkbox"/>	<input checked="" type="checkbox"/>

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	C3	"Canrig Top Drive Drilling Systems," Harts Petroleum Engineer International, February 1997, 2 Pages
	C4	"The Original Portable Top Drive Drilling System," TESCO Drilling Technology, 1997
	C5	Killalea, Mike, "Portable Top Drives: What's Driving The Market?" IADC, Drilling Contractor, September 1994, 4 Pages

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		Bernd-Georg Pietras	Unknown
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Examiner Frank Tsay		Herewith	3672 Unknown

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*Examiner Initial		Document Number	Issue Date	Applicant(s) Name	Class	Subclass	Filing Date If Appropriate
<i>[Signature]</i>	A30	5,036,927	08-06-1991	Willis	175	162	
	A31	5,009,265	04-23-1991	Bailey et al.	166	118	
	A32	4,997,042	03-05-1991	Jordan et al.	166	379	
	A33	4,878,546	11-07-1989	Shaw et al.	173	163	
	A34	4,867,236	09-19-1989	Haney et al.	166	77.5	
	A35	4,836,064	06-06-1989	Slator	81	57.18	
	A36	4,813,493	03-21-1989	Shaw et al.	173	164	
	A37	4,800,968	01-31-1989	Shaw et al.	175	85	
	A38	4,793,422	12-27-1988	Krasnov	175	57	
	A39	4,791,997	12-20-1988	Krasnov	175	57	
	A40	4,773,689	09-27-1988	Wolters	294	88	
	A41	4,765,401	08-23-1988	Boyadjieff	166	77.53	
<i>[Signature]</i>	A42	4,762,187	08-09-1988	Haney	175	171	
	A43	4,759,239	07-26-1988	Hamilton et al.	81	57.34	

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*Examiner Initial		Document Number	Date	Country	Class	Subclass	Translation	
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<i>[Signature]</i>	B7	WO 00/05483	03-02-2000	WIPO	E21B	19/16	<input type="checkbox"/>	<input checked="" type="checkbox"/>
<i>[Signature]</i>	B8	WO 98/11322	03-19-1998	WIPO	E21B	19/16	<input type="checkbox"/>	<input checked="" type="checkbox"/>
<i>[Signature]</i>	B9	WO 98/32948	07-30-1998	WIPO	E21B	19/16	<input type="checkbox"/>	<input checked="" type="checkbox"/>
<i>[Signature]</i>	B10	WO 98/05844	02-12-1998	WIPO	E21B	19/16	<input type="checkbox"/>	<input checked="" type="checkbox"/>

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<i>[Signature]</i>	C6	"500 or 650 ECIS Top Drive," Advanced permanent Magnet Motor Technology, TESCO Drilling Technology, April 1998, 2 Pages
<i>[Signature]</i>	C7	"500 or 650 HCIS Top Drive," Powerful Hydraulic Compact Top Drive Drilling System, TESCO Drilling Technology, April 1998, 2 Pages
<i>[Signature]</i>	C8	"Product Information (Sections 1-10), " CANRIG Drilling Technology, Ltd. September 18, 1996

Examiner <i>Frank Tsay</i>	Date Considered <i>5/12/04</i>
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Examiner Frank Tsay			

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7	A44	4,742,876	05-10-1988	Barthelemy et al.	175	7	
	A45	4,709,599	12-01-1987	Buck	81	57.18	
	A46	4,683,962	08-04-1987	True	173	163	
	A47	4,676,312	06-30-1987	Mosing et al.	166	77	
	A48	4,649,777	03-17-1987	Buck	81	57.19	
	A49	4,625,796	12-02-1986	Boyadjieff	166	77.5	
	A50	4,605,077	08-12-1986	Boyadjieff	175	85	
	A51	4,604,724	08-05-1986	Shaginian et al.	364	478	
	A52	4,593,773	06-10-1986	Skeie	175	85	
	A53	4,570,706	02-18-1986	Pugnet	166	77.5	
	A54	4,529,045	07-16-1985	Boyadjieff et al.	173	164	
	A55	4,494,424	01-22-1985	Bates	81	57.18	
	A56	4,449,596	05-22-1984	Boyadjieff	175	85	
	A57	4,437,363	03-20-1984	Haynes	81	57.18	
7	A58	4,320,915	03-23-1982	Abbott et al.	294	96	

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*Examiner Initial		Document Number	Date	Country	Class	Subclass	Translation	
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7	B11	WO 96/18799	06-20-1996	WIPO	E21B	19/06	<input type="checkbox"/>	<input checked="" type="checkbox"/>
7	B12	EP 0 659 975	06-28-1995	EP	E21B	43/08	<input type="checkbox"/>	<input checked="" type="checkbox"/>
7	B13	0 589 823 A1	03-03-1994	EP	E21B	19/06	<input type="checkbox"/>	<input checked="" type="checkbox"/>

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	C9	
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Examiner Frank Tsay		Herewith	3672 Unknown

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7	A59	4,100,968	07-18-1978	Delano	166	315	
	A60	3,913,687	10-21-1975	Gyongyosi et al	175	85	
	A61	3,857,450	12-31-1974	Guier	175	85	
	A62	3,848,684	11-19-1974	West	175	195	
	A63	3,776,991	12-04-1973	Marcus	264	89	
	A64	3,776,320	12-04-1973	Brown	173	163	
	A65	3,747,675	07-24-1973	Brown	166	237	
	A66	3,691,825	09-19-1972	Dyer	73	136	
	A67	3,635,105	01-18-1972	Dickmann et a.	81	57.18	
	A68	3,570,598	03-16-1971	Johnson	166	178	
	A69	3,566,505	03-02-1971	Martin	29	200	
7	A70	3,380,528	04-30-1968	Timmons	166	14	
	A71	3,193,116	07-06-1965	Kenneday et al.	214	2.5	

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7	B14	WO 93/07358	04-15-1993	WIPO	E21B	37/00	<input type="checkbox"/>	<input checked="" type="checkbox"/>
7	B15	GB 2 275 486A	04-15-1993	U.K.	E21B	37/00	<input type="checkbox"/>	<input checked="" type="checkbox"/>
7	B16	0 525 247 A1	02-03-1993	EP	E21B	3/02	<input type="checkbox"/>	<input checked="" type="checkbox"/>

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	C12	
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Examiner Frank Tsay		Herewith	3672 Unknown

U.S. Patent Documents

*Examiner Initial		Document Number	Issue Date	Applicant(s) Name	Class	Subclass	Filing Date If Appropriate
7	A72	3,041,901	07-03-1962	Knights	81	53	
1	A73	1,917,135	07-04-1933	Littell			
7	A74	2002/0134555A1	09-26-2002	Allen et al.	166	377	
7	A75	2001/0042625A1	11-22-2001	Appleton	166	379	
	A76						
	A77						
	A78						
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	A80						
	A81						
	A82						

Foreign Patent Documents

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7	B17	GB 2 224 481A	09-05-1990	U.K.	B66C	1/56	<input type="checkbox"/>	<input checked="" type="checkbox"/>
1	B18	0 285 386 A2	10-05-1988	EP	E21B	19/16	<input type="checkbox"/>	<input checked="" type="checkbox"/>
7	B19	0 171 144 A1	02-12-1986	EP	E21B	19/06	<input type="checkbox"/>	<input checked="" type="checkbox"/>
7	B20	EP 01 62000A1	11-21-1985	EP	E21B	19/16	<input type="checkbox"/>	<input checked="" type="checkbox"/>
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	C15	
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